

Remarks

Upon entry of the foregoing amendment, claims 1-7, 16, 23, 26 and 31-40 are pending in the application with claims 1-4 as the independent claims. Claims 8-15, 17-22, 24, 25 and 27-30 have been canceled without prejudice to or disclaimer of the subject matter therein. New claims 31-40 have been added. The specification has been amended to add a cross-reference to related applications; to add a reference to a sequence listing, a table, or a computer program listing appendix submitted on compact disc; and to direct the entry of this sequence listing, submitted on compact disc, after the claims of the above identified application, in accordance with 37 C.F.R. § 1.821(c). The amendments to the specification and the claims presented herein introduce no new matter, as they are fully supported by the original specification and claims as filed. Accordingly, entry of this amendment is respectfully requested.

In accordance with 37 C.F.R. § 1.821(f), the compact disc copy of the Sequence Listing and the computer readable copy of the Sequence Listing submitted herewith in the above-captioned application are identical.

The required duplicate copies of the written form on compact disc are labeled "Copy 1" and "Copy 2". The computer readable form of the Sequence Listing is also submitted on compact disc, labeled "Computer Readable Format".

Each compact disc containing the written Sequence Listing is formatted for IBM-PC, MS-Windows, ASCII DOS text. The disc contains one file: "Final Sequence Listing.txt", 6,125,826 bytes, created on September 12, 2005 .

The computer readable form compact disc is formatted for IBM-PC, MS-Windows, ASCII DOS text. The disc contains one file: "Final Sequence Listing.txt", 6,125,826 bytes, created on September 12, 2005.

In compliance with 37 C.F.R. § 1.52(e)(4) the duplicate copies of the written form on compact disc and the computer readable form of the Sequence Listing on compact disc are identical, *i.e.*, "Copy 1 " and "Copy 2" are identical, and the sequence information recorded in computer readable form on compact disc, *i.e.*, "Computer Readable Format" is identical to the compact disc Sequence Listing. In accordance with 37 C.F.R. § 1.821(g), this submission includes no new matter.

Summary

It is respectfully believed that this application is now in condition for examination. Early notice to this effect is respectfully requested.

Respectfully submitted,

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